

## AMENDMENTS TO SPECIFICATION:

Please delete the following paragraphs on page 4, after line 22:

~~Those described hydroxyl protective groups are ethers, esters, and, for 1,2- and 1,3-DIOLS, cyclic acetals and ketals and cyclic ortho esters.~~

The ethers include:

Methyl

### **Substituted Methyl Ethers**

Methoxymethyl (MOM Group)

Methylthiomethyl (MTM Group)

Benzyloxymethyl

*t*-Butoxymethyl

2-Methoxyethoxymethyl (MEM Group)

2,2,2-Trichloroethoxymethyl

Bis(2-chloroethoxy)methyl

2-(Trimethylsilyl)ethoxymethyl

Tetrahydropyranyl (THP Group)

3-Bromotetrahydropyranyl

Tetrahydrothiopyranyl

4-Methoxytetrahydropyranyl

4-Methoxytetrahydrothiopyranyl

4-Methoxytetrahydrothiopyranyl S,S-Dioxide

Tetrahydrofuranlyl

Tetrahydrothiofuranlyl

### **Substituted Ethyl Ethers**

1-Ethoxyethyl

1-Methyl-1-methoxyethyl

1-(Isopropoxy)ethyl

2,2,2-Trichloroethyl

2-(Phenylselenyl)ethyl

*t*-Butyl

Allyl

Cinnamyl

*p*-Chlorophenyl

Benzyl

*p*-Methoxybenzyl

*o*-Nitrobenzyl

*p*-Nitrobenzyl

*p*-Halobenzyl

*p*-Cyanobenzyl

3-Methyl-2-picoly N-Oxide  
Diphenylmethyl  
5-Dibenzosuberyl  
Triphenylmethyl  
     $\alpha$ -Naphthylmethyl  
    *p*-Methoxyphenylmethyl  
    *p*-(*p'*-Bromophenoxy)phenylmethyl  
9-Anthryl  
9-(9-Phenyl)xanthenyl  
9-(9-Phenyl-10-oxo)anthryl (Tritylone Group)  
Benzisothiazolyl *S,S*-Dioxide

**Silyl Ethers**

Trimethylsilyl (TMS Group)  
Triethylsilyl  
Isopropyl dimethylsilyl  
*t*-Butyl dimethylsilyl (TBDMS Group)  
(Triphenylmethyl) dimethylsilyl  
*t*-Butyl diphenylsilyl  
Methyl diisopropylsilyl  
Methyl *t*-butylsilyl  
Tribenzylsilyl  
    Tri-*p*-xylylsilyl  
Triisopropylsilyl  
Triphenylsilyl

The esters include:

Formate  
    Benzoylformate  
Acetate  
    Chloroacetate  
    Dichloroacetate  
    Trichloroacetate  
    Trifluoroacetate  
    Methoxyacetate  
    Triphenylmethoxyacetate  
    Phenoxyacetate  
        *p*-Chlorophenoxyacetate  
        2,6-Dichloro-4-methylphenoxyacetate  
        2,6-Dichloro-4-(1,1,3,3-tetramethylbutyl)phenoxyacetate  
        2,4-Bis(1,1-dimethylpropyl)phenoxyacetate  
    Chlorodiphenylacetate  
    *p*-Tolylacetate  
3-Phenylpropionate  
3-Benzoylpropionate

Isobutyrate  
Monosuccinoate  
4-Oxopentanoate (Levulinate)  
Pivaloate  
Adamantoate  
Crotonate  
4-Methoxycrotonate  
(*E*)-2-Methyl-2-butenate (Tigloate)  
Benzoate  
o-(Dibromomethyl)benzoate  
o-(Methoxycarbonyl)benzoate  
*p*-Phenylbenzoate  
2,4,6-Trimethylbenzoate (Mesitoate)  
*p*-@-Benzoate

$\alpha$ -Naphthoate

**Carbonates**

Methyl  
Ethyl  
2,2,2-Trichloroethyl  
Isobutyl  
Vinyl  
Allyl  
Cinnamyl  
*p*-Nitrophenyl  
Benzyl  
*p*-Methoxybenzyl  
3,4-Dimethoxybenzyl  
o-Nitrobenzyl  
*p*-Nitrobenzyl  
S-Benzyl Thiocarbonate

**Miscellaneous**

*N*-Phenylcarbamate  
*N*-Imidazolylcarbamate  
Borate  
Nitrate  
*N,N,N',N'*-Tetramethylphosphorodiamidate  
2,4-Dinitrophenylsulfenate

For protection of 1,2- and 1,3-DIOLS, the cyclic acetals and ketals include:

Methylene  
Ethylidene  
1-*t*-Butylethylidene  
1-Phenylethylidene  
2,2,2-Trichloroethylidene

Acetonide (Isopropylidene)  
Butylidene  
Cyclopentylidene  
Cyclohexylidene  
Cycloheptylidene  
Benzylidene  
    *p*-Methoxybenzylidene  
    2,4-Dimethoxybenzylidene  
    *p*-Dimethylaminobenzylidene  
    *o*-Nitrobenzylidene  
    *p*- $\oplus$ -Benzylidene  
Phenanthrylidene Derivative;

whereas the cyclic ortho esters include:

Methoxymethylene  
Ethoxymethylene  
    Dimethoxymethylene  
1-Methoxyethylidene  
    1,2-Dimethoxyethylidene  
 $\alpha$ -Methoxybenzylidene  
1-(*N,N*-Dimethylamino)ethylidene Derivative  
 $\alpha$ -(*N,N*-Dimethylamino)benzylidene Derivative  
Disiloxanylidene Derivative  
Stannoxane Derivative  
Cyclic Carbonates  
Cyclic Boronates  
    Phenyl Boronate  
    *p*- $\oplus$ -Phenyl Boronate